

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044806.D
 Acq On : 03 Feb 2025 11:32
 Operator : JC/MD
 Sample : VX0203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:06:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	145340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	233316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95311	43.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.900%		
35) Dibromofluoromethane	5.379	113	79276	46.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	8.641	98	295567	50.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.400%		
62) 4-Bromofluorobenzene	11.079	95	104405	47.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35630	18.218	ug/l	98
3) Chloromethane	1.301	50	43697	20.661	ug/l	96
4) Vinyl Chloride	1.374	62	40116	19.197	ug/l	100
5) Bromomethane	1.593	94	11604	23.256	ug/l	98
6) Chloroethane	1.666	64	19963	52.095	ug/l	98
7) Trichlorofluoromethane	1.874	101	52993	22.945	ug/l	96
8) Diethyl Ether	2.130	74	20289	21.768	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	34867	20.083	ug/l	98
10) Methyl Iodide	2.447	142	45913	19.370	ug/l	99
11) Tert butyl alcohol	2.971	59	46322	94.715	ug/l #	85
12) 1,1-Dichloroethene	2.313	96	34678	20.378	ug/l	100
13) Acrolein	2.233	56	17941	77.954	ug/l	97
14) Allyl chloride	2.654	41	64425	19.444	ug/l	96
15) Acrylonitrile	3.062	53	109509	114.162	ug/l	99
16) Acetone	2.380	43	85727	98.769	ug/l	98
17) Carbon Disulfide	2.502	76	92755	19.975	ug/l	100
18) Methyl Acetate	2.703	43	61502	22.968	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	119444	19.378	ug/l	98
20) Methylene Chloride	2.782	84	39920	19.750	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	35263	19.847	ug/l	93
22) Diisopropyl ether	3.757	45	126896	22.032	ug/l	98
23) Vinyl Acetate	3.715	43	523389	103.822	ug/l	100
24) 1,1-Dichloroethane	3.605	63	68526	20.063	ug/l	98
25) 2-Butanone	4.550	43	143214	110.976	ug/l	97
26) 2,2-Dichloropropane	4.465	77	56049	16.932	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	43262	19.358	ug/l	99
28) Bromochloromethane	4.885	49	34671	21.723	ug/l	94
29) Tetrahydrofuran	5.001	42	92160	110.715	ug/l	98
30) Chloroform	5.086	83	67238	19.507	ug/l	99
31) Cyclohexane	5.464	56	61100	22.118	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	56489	17.827	ug/l	99
36) 1,1-Dichloropropene	5.684	75	46798	19.910	ug/l	99
37) Ethyl Acetate	4.708	43	56324	22.502	ug/l	97
38) Carbon Tetrachloride	5.666	117	46869	17.728	ug/l	96
39) Methylcyclohexane	7.373	83	63467	20.341	ug/l	98
40) Benzene	6.031	78	151452	20.794	ug/l	100

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41) Methacrylonitrile	4.910	41	29754	20.400	ug/l	98
42) 1,2-Dichloroethane	6.080	62	48655	18.303	ug/l	99
43) Isopropyl Acetate	6.336	43	92287	20.042	ug/l	99
44) Trichloroethene	7.117	130	35030	20.006	ug/l	95
45) 1,2-Dichloropropane	7.427	63	38704	21.111	ug/l	97
46) Dibromomethane	7.574	93	26286	18.834	ug/l	99
47) Bromodichloromethane	7.818	83	53452	18.675	ug/l	98
48) Methyl methacrylate	7.690	41	44439	20.791	ug/l	99
49) 1,4-Dioxane	7.659	88	19643	440.493	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	291936	114.726	ug/l	99
52) Toluene	8.714	92	92946	20.850	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	55543	18.783	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	60882	18.988	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	37605	20.850	ug/l	95
56) Ethyl methacrylate	9.116	69	62106	20.027	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63810	20.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	137824	90.525	ug/l	97
59) 2-Hexanone	9.427	43	214034	114.329	ug/l	99
60) Dibromochloromethane	9.519	129	40056	18.922	ug/l	99
61) 1,2-Dibromoethane	9.604	107	37389	19.781	ug/l	98
64) Tetrachloroethene	9.269	164	27398	18.701	ug/l	96
65) Chlorobenzene	10.073	112	99721	20.122	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	33117	18.388	ug/l	99
67) Ethyl Benzene	10.189	91	174214	20.147	ug/l	99
68) m/p-Xylenes	10.299	106	133091	41.476	ug/l	96
69) o-Xylene	10.640	106	66490	20.489	ug/l	97
70) Styrene	10.653	104	108593	20.727	ug/l	97
71) Bromoform	10.799	173	26139	17.832	ug/l #	99
73) Isopropylbenzene	10.957	105	167118	19.712	ug/l	100
74) N-amyl acetate	10.841	43	79685	19.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	59259	20.238	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48598m	19.296	ug/l	
77) Bromobenzene	11.195	156	38197	19.276	ug/l	96
78) n-propylbenzene	11.299	91	190772	20.404	ug/l	100
79) 2-Chlorotoluene	11.360	91	115975	19.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	138028	19.999	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18993	17.246	ug/l	99
82) 4-Chlorotoluene	11.451	91	129378	19.555	ug/l	97
83) tert-Butylbenzene	11.713	119	140356	19.450	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	138648	19.769	ug/l	100
85) sec-Butylbenzene	11.890	105	174523	20.771	ug/l	98
86) p-Isopropyltoluene	12.006	119	140063	20.284	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	69636	20.263	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	68741	19.787	ug/l	99
89) n-Butylbenzene	12.329	91	121907	20.555	ug/l	99
90) Hexachloroethane	12.536	117	26861	17.178	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	70508	19.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11294	15.772	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	41158	19.508	ug/l	99
94) Hexachlorobutadiene	13.719	225	15830	19.101	ug/l	100
95) Naphthalene	13.774	128	158930	19.531	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	40771	18.643	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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